

FINAL MINUTES
Waste-to-Energy Facility Monitoring Group
MEETING

Wednesday, August 13th, 2014
Covanta Alexandria/Arlington Waste-to-Energy Facility – Eisenhower Avenue
8:30 a.m. – 11:00 a.m.

The Facility Monitoring Group, staff, and HDR representatives present included Yon Lambert, Mark Schwartz, Erik Grabowsky, Morgan Routt, Barbara Wiley, Alaeedin Mohamed, Alton Weaver, Bill Skrabak, Bill Eger, Kyle Perrin and Susan Raila, with Don Castro joining via phone. Mark Harlacker, Rich Serio, Glenn Madelmayer and Bryan Donnelly attended the meeting from Covanta.

I. Comments on Agenda

There were no comments on the agenda.

II. Approval of Final Minutes from the May 6th, 2014 Facility Monitoring Group Meeting (see attached).

Grabowsky made a motion to approve the minutes; Routt seconded the motion, and the minutes were approved unanimously.

III. Requisitions for Payment

The requisitions for payment that were submitted for approval totaled \$10,754.19. The sole invoice was for HDR Engineering, Inc. for the period April 27, 2014 to July 26, 2014. Schwartz made a motion to approve payment, and Grabowsky seconded. The HDR invoice was approved unanimously.

IV. HDR - Operations and Facility Status

Discussion of Quarterly Report and Facility Performance to Date

Castro noted that performance parameters were fairly similar to the prior year. There was an increase of 3% in steam production, despite a decrease in the heating value of the waste. He noted that earlier in FY14, there was a decrease in ferrous recovered, but this was resolved during

the latter half of the year. The second turbine generator overhaul was successfully completed, but it required the removal of one row of blades from the turbine rotor. Usually the efficiency would be restored after an overhaul, but this time, it didn't happen because of the removal of the blades and consequent lower power production. The new blades have a long lead time for fabrication and couldn't be installed during this outage, but will be installed at a later date and hopefully return the turbine's efficiency.

Castro noted that the stack testing results were outstanding, about the best of any WTE facility in the country. Perrin noted on page 7 of the Annual Report that his latest inspection closed out items 1 through 8 and the one remaining item (concrete to roadway drain at truck entrance damage) will be repaired in the fall, according to Covanta. Perrin did identify some additional issues, for example leaks on the turbine generator enclosure, and significant leaking on the tipping floor, where there was corrosion on some of the ceiling paneling. It was noted that there had been some wind damage a few weeks prior to the meeting, and that water was streaming in onto the tipping floor. Perrin also noted that there was a PVC drain supported by a tire, and some of the siding on the building was discolored, which was an eyesore. The new ash trailer canopy was noted. Donnelly also mentioned that the outage for Boiler No. 2 is scheduled for September, while Boiler Nos. 1 and 3 will follow in October and November. During these mini-outages, some Inconel overlays will be performed. Lambert asked about Covanta's sweeping of the frontage of the building, and Donnelly indicated that it hasn't started yet, but will be regularly maintained starting in the next quarter.

V. Covanta Items

A. Introduction of new personnel and their roles

Rich Serio (Market Area VP) and Mark Harlacker (Market Area Business Manager) introduced themselves, and Harlacker indicated that they are currently taking the place of Michael Renga, the prior Business Manager, with Harlacker being the primary contact. Robert Brooks will also be providing support on community affairs issues. The Business Manager position is still posted on Covanta's website, and Harlacker will be provided with the contact sheet of who should be contacted in any emergency situation at the plant.

B. Interaction with Virginia DEQ on calculation of steaming rate

Donnelly noted in their letter to the Virginia DEQ, that their HHV has changed, so if the DEQ agrees to their approach, they may not have to back down on the tonnage received. He noted

that the BTU value of the waste has gone down and that it is a balancing act to keep below the calculated steaming value. Covanta would like to have a number that is more realistic, since they would prefer to keep the units up and running. Donnelly indicated that their letter already went out to the DEQ. They anticipate that if DEQ agrees to their approach that a slightly greater amount of waste will come into the facility... probably on the order of 5,000 tons/year more. Lambert would like to look at the issue. Donnelly indicated that there probably wouldn't be more traffic since some trucks enter but then are turned away from the facility. Lambert stated that there is a need for public outreach. The Eisenhower West Planning Process is currently in progress. Covanta wants to show it would be a net benefit to take more waste at the facility. Schwartz mentioned the previously-discussed LN system, which played a big part in the new agreement that they entered into. Madelmayer indicated that he will talk to Jim Klecko about those discussions, and will provide clarification, further stating that the increase in tonnage would be a moderate one, not a significant increase. Lambert restated that more information is needed, and that if there is a permit amendment, they would like a public meeting. He also indicated that the FMG would be sending a letter to DEQ stating that they could not support Covanta's position until they had more information concerning their request, and could have an opportunity to engage the public. Donnelly did not think that their request to DEQ would result in an amendment to their permit, as he saw it merely as a clarification.

C. LN or other Low NOx technology

Covanta indicated that they will keep an open discussion on the LN system, but that its been proven to be highly corrosive at other facilities, requiring more maintenance than anticipated. Madelmayer said that at the Montgomery facility, the fire box was much hotter (hence corrosive). They had an LN user group.

D. Patterns in NOV issuance

It was noted that in the prior quarter there were very few NOV's issued to drivers, although previously the NOV's were issued across the board, and not just to the same one or two drivers.

E. Supplemental Waste

According to the hand-out provided by Covanta: "The type and quantity of special waste has remained fairly stable, consisting primarily of textiles, pharmaceuticals, confidential documents and APHIS waste". The amount of Supplemental waste appears to have gone down a bit, with only 392 tons handled during May through July, but they believe that it will increase.

F. Gray Water Reuse – update

Harlacker met with the CEO of Alexandria Renew, Karen Pallansch, on July 12th, who is looking at the funding for the project. Covanta will be looking at this project again and will be meeting with Arcadis, the engineer, and feel that the project may be more viable than in the past.

VI. Old Business

There was no old business to report.

VII. New Business

A. Legislative Issues

There were no legislative issues to report.

B. Public Initiatives

Rich Serio indicated that he will remain active on all community issues, and Covanta provided a list of public outreach since the last meeting, which included the following:

- May 7-9 - attendance at the NAWTEC conference in Reston VA.
- May 13 - attendance at a public hearing for the extension application of the Lorton C&D landfill.
- May 14 - tour for Washington Gas.
- May 21 - tour for international visitors from the Philippines.
- May 28 - attendance at the Eisenhower Partnership Board meeting.
- May 29 - tour for staff members from the City and County Management and Finance Divisions.
- June 11 - annual Hauler Safety Day and cookout for haulers, with approximately 100 people in attendance.
- June 11 - attendance at quarterly Alexandria VA Local Emergency Planning Committee meeting.
- June 24 - provided a tour for 5 people from the CIA.
- July 16 - Covanta met with Bill Skrabak on the City's Sustainability Plan.
- July 23 - tour for an intern from Alexandria Renew and a representative from VA DEQ.
- July 28 - attended the open house for the West End Planning Group.
- July 29 - tour for 10 people from ACORE and an Alexandria resident.
- July 29 - tour for 15 people from the Energy Information Association (EIA).
- July 30 - tour for 5 Chinese politicians.
- July 30 - attended the Eisenhower Partnership Meeting.

There will be an e-care event in Arlington, where e-waste will be collected, including mercury thermometers. Glenn Madelmayer will see if Covanta can help with support. Lambert also mentioned that another City Council member would like a facility tour.

On a motion by Schwartz, seconded by Grabowsky, the meeting adjourned at 10:00 a.m.

The next Facility Monitoring Group Meeting is scheduled for Wednesday, November 12th, 2014 at the Covanta Facility.